

Serial No.: 10/635,126
Att. Dkt.: ZM466/03003
Title: Electrical Rough-In Box
For Low Voltage Transformer

AMENDMENTS TO THE CLAIMS

Claim 1(Currently Amended). An electrical rough-in box for a low voltage transformer, comprising:

a rough in box comprising one or more sidewalls and a bottom wall, wherein said one or more sidewalls are connected to said bottom wall;

a cover removably attached to said rough in box, forming a high voltage wiring section of about 120V AC in said rough in box, said cover comprising a recessed portion adjacent to one or more flanges forming a raised relief in relation to said recessed portion to form a low voltage wiring section of about 24 Volts or less AC or DC, wherein said one or more flanges are adapted to accept a means for attaching said cover to said rough in box, said recessed portion having an opening there through;

a low voltage transformer comprising a primary high voltage end and a secondary low voltage end, wherein said low voltage transformer is attached to said cover, and said secondary low voltage end of said low voltage transformer is disposed through said opening in said recessed portion of said cover into said low voltage wiring section;

a first plurality of wires affixed to a high voltage source and extending from the exterior of said rough in box through an entryway in said rough in box into said high voltage wiring section and connecting to said primary high voltage end of said low voltage transformer; and

a second plurality of wires connected to said secondary low voltage end of said low voltage transformer for attachment to a low voltage appliance at about 24 Volts or less AC or DC.

Claim 2(Previously Presented). The electrical rough-in box for a low voltage transformer of claim 1, wherein one or more of said sidewalls have a channel recessed therein and one or more of said flanges contain an entryway which, when said cover is attached to said rough in box, said entryway is aligned with said channel for receiving said wires connected to said low voltage end of said low voltage transformer.

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Claim 3(Previously Presented). The electrical rough-in box of claim 1, wherein said low voltage transformer is removably attached to said cover.

Claim 4(Previously Presented). The electrical rough-in box of claim 3, further comprising one or more brackets for removably attaching said low voltage transformer to said cover.

Claim 5(Previously Presented). The electrical rough-in box of claim 1, further comprising a means for attaching said rough in box to a wall stud.

Claim 6 (Previously Presented). The electrical rough-in box of claim 1 wherein said rough in box is unitary.

Claims 7-12 (Cancelled).

Claim 13 (Previously Presented). An electrical rough-in box for a low voltage transformer, comprising:

a square electrical rough in box having a removable cover, a bottom wall and a plurality of side walls;

said removable cover removably attached to said rough in box forming a high voltage wiring section interior of said rough in box, said removable cover affixed to said rough in box, said removable cover having an opening there through;

a low voltage transformer having a primary high voltage end and a secondary low voltage end, wherein said low voltage transformer is affixed to said removable cover, said secondary low voltage end of said low voltage transformer being disposed through said opening in said cover and facing outward from said removable cover thereby forming a low voltage wiring area for electrical connection of a plurality of low voltage wires to said secondary low voltage end of said low voltage transformer;

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a plurality of high voltage wires affixed to a high voltage source and extending from the exterior of said rough in box through an entryway in said rough in box into said high voltage wiring section and connecting to said primary high voltage end of said low voltage transformer;

said plurality of low voltage wires electrically connecting said secondary low voltage end of said low voltage transformer to a low voltage appliance.

Claim 14. (New) A rough in box for a low voltage transformer designed to enclose the primary end of the transformer while leaving the secondary end of the low voltage transformer facing outward from a removable cover, comprising:

an electrical rough in box having an open end, a plurality of side walls and rear wall;

a removable cover extending within said open end of said rough in box, said removable cover having a recessed face surrounding an opening, said recessed face having sidewalls extending upward and outward to engage said rough in box, said aperture sized to receive a secondary end of a low voltage transformer;

wherein said removable cover encloses an area within said rough in box, said enclosed area forming an enclosed high voltage wiring area, said low voltage transformer having a primary end within said high voltage wiring area;

a plurality of high voltage wires extending into said enclosed high voltage wiring area and electrically connected to said high voltage end of said low voltage transformer;

wherein said recessed face of said removable cover positioned interiorly within said rough in box so as to sufficiently create a low voltage wiring area surrounded by said sidewalls.